



SEQUENCE LISTING

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Roberts, Steven
Lohnas, Gerald

<120> HEAT SHOCK FUSION-BASED VACCINE SYSTEM

<130> CIP OF IGN-9601

<140> 09/374,721

<141> 1999-08-13

<150> 09/026,276

<151> 1998-02-19

<160> 35

<170> PatentIn Ver. 2.0

<210> 1

<211> 35

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: polypeptide
antigen

<400> 1

Cys Thr Arg Pro Asn Asn Asn Thr Arg Lys Ser Ile His Ile Gly Pro
1 5 10 15

Gly Arg Ala Phe Tyr Thr Thr Gly Glu Ile Ile Gly Asp Ile Arg Gln
20 25 30

Ala His Cys
35

<210> 2

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: polypeptide
antigen

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<400> 2

Lys Arg Ile His Ile Gly Pro Gly Arg Ala Phe Tyr Thr Thr Lys
1 5 10 15

<210> 3

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: polypeptide
antigen

<400> 3

Cys Lys Ser Ile His Ile Gly Pro Gly Arg Ala Phe Tyr Thr Thr Gly
1 5 10 15

Cys

<210> 4

<211> 50

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: PCR primer

<400> 4

ttaagactgc gtggcggcga ccaggttcac ttccagccgc tgccgccggc 50

<210> 5

<211> 37

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: PCR Primer

<400> 5

tggtgttaaa ctgtctgacg ctctgtaagc ttctgca 37

<210> 6

<211> 43

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:PCR primer

<400> 6

gaagcttaca gagcgtcaga cagtttaaca acagccggcg gca

43

<210> 7

<211> 36

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: PCR primer

<400> 7

gcggctggaa gtgaacctgg tcgccgccac gcagtc

36

<210> 8

<211> 50

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: PCR primer

<400> 8

ttaagactgc gtggcgctga ccagggtcac ttccagccgc tgccgccggc

50

<210> 9

<211> 36

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: PCR primer

<400> 9

gcggctggaa gtgaacctgg tcagcgccac gcagtc

36

<210> 10

<211> 55

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: PCR primer

<400> 10
aagaaatcca catcggtccg ggtcgtgctt tctacaccac catcccgcgc gatca 55

<210> 11
<211> 54
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: PCR primer

<400> 11
atccggcggg atggtggtgt agaaagcacg acccggaccg atgtggattt cttt 54

<210> 12
<211> 33
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: PCR primer

<400> 12
ttaagactgc gtggcggcat ccacatcggt ccg 33

<210> 13
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: PCR primer

<400> 13
ggtcgtgctt tctacaccac ctaactgca 29

<210> 14
<211> 34
<212> DNA
<213> Artificial Sequence

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<400> 14
gttaggtggt gtagaaagca cgacccggac cgat 34

<210> 15
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: PCR primer

<400> 15
gtggatgccg ccacgcagtc 20

<210> 16
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: polypeptide
antigen

<400> 16
Ile His Ile Gly Pro Gly Arg Ala Phe Tyr Thr Thr
1 5 10

<210> 17
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: polypeptide
antigen

<400> 17
Asp Gln Val His Phe Gln Pro Leu Pro Pro Ala Val Val Lys Leu Ser
1 5 10 15

Asp Ala Leu

<210> 18
<211> 22
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: polypeptide
antigen

<400> 18

Lys	Glu	Asp	Val	Cys	Ala	Gln	Val	His	Pro	Gln	Lys	Val	Thr	Lys	Phe
1				5					10					15	

Met Leu Cys Ile Pro Pro
20

<210> 19

<211> 22

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: polypeptide
antigen

<400> 19

Lys	Glu	Asp	Val	Cys	Ala	Gln	Val	His	Pro	Gln	Lys	Val	Thr	Lys	Phe
1				5					10					15	

Met Leu Cys Met Pro Pro
20

<210> 20

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: polypeptide
antigen

<400> 20

Lys	Glu	Cys	Ala	Gln	Val	His	Pro	Gln	Lys	Val	Thr	Lys	Phe	Met	Leu
1				5					10					15	

Cys Ile Pro Pro
20

<210> 21

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: polypeptide
antigen

<400> 21

Lys	Glu	Cys	Ala	Gln	Val	His	Pro	Gln	Lys	Val	Thr	Lys	Phe	Met	Pro
1					5				10					15	

Pro

<210> 22

<211> 31

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: polypeptide
antigen

<400> 22

Arg	Gly	Gly	Ser	Leu	Arg	Arg	Ser	Ser	Cys	Phe	Gly	Gly	Arg	Met	Asp
1				5					10					15	

Arg	Ile	Gly	Ala	Gln	Ser	Gly	Leu	Gly	Cys	Asn	Ser	Phe	Arg	Tyr
			20				25						30	

<210> 23

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: polypeptide
antigen

<400> 23

Arg	Gly	Gly	Asp	Tyr	Lys	Asp	Asp	Asp	Asp	Lys
1				5					10	

<210> 24

<211> 23

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: polypeptide
antigen

<400> 24

Arg	Gly	Ala	Leu	Tyr	Thr	Lys	Val	Val	His	Tyr	Arg	Lys	Trp	Ile	Lys
1					5				10					15	

Asp	Thr	Ile	Val	Ala	Asn	Pro
			20			

<210> 25

<400> 25

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<210> 26

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: polypeptide
antigen

<400> 26

Gln	His	Trp	Ser	Tyr	Gly	Leu	Arg	Pro	Gly	Gln	His	Trp	Ser	Tyr	Gly
1					5				10					15	

Leu	Arg	Pro	Gly
			20

<210> 27

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: polypeptide
antigen

<400> 27

Asp	Asp	Pro	Lys	Thr	Gly	Gln	Phe	Leu	Gln	Gln	Ile	Asn	Ala	Tyr	Ala
1					5				10					15	

Arg Pro Ser Glu Val
20

<210> 28
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: polypeptide
antigen

<400> 28
Glu His Trp Ser Tyr Gly Leu Arg Pro Gly
1 5 10

<210> 29
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: polypeptide
antigen

<400> 29
Glu His Trp Ser Tyr Gly Leu Arg Pro Gly Glu His Trp Ser Tyr Gly
1 5 10 15

Leu Arg Pro Gly
20

<210> 30
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: polypeptide
antigen

<400> 30
Glu His Trp Ser Tyr Gly Leu Arg Pro Gly Gln His Trp Ser Tyr Gly
1 5 10 15

Leu Arg Pro Gly
20

<210> 31
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: polypeptide
antigen

<400> 31
Gln His Trp Ser Tyr Gly Leu Arg Pro Gly Glu His Trp Ser Tyr Gly
1 5 10 15

Leu Arg Pro Gly
20

<210> 32
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: polypeptide
antigen

<400> 32
Gln His Trp Ser Tyr Gly Leu Arg Pro Gly
1 5 10

<210> 33
<400> 33
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<210> 34
<211> 41
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: polypeptide
antigen

<400> 34

Gln His Trp Ser Tyr Gly Leu Arg Pro Gly Gln His Trp Ser Tyr Gly
1 5 10 15

Leu Arg Pro Gly Gln His Trp Ser Tyr Gly Leu Arg Pro Gly Gln His
20 25 30

Trp Ser Tyr Gly Leu Arg Pro Gly Cys
35 40

<210> 35

<211> 40

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: polypeptide
antigen

<400> 35

Gln His Trp Ser Tyr Gly Leu Arg Pro Gly Gln His Trp Ser Tyr Gly
1 5 10 15

Leu Arg Pro Gly Gln His Trp Ser Tyr Gly Leu Arg Pro Gly Gln His
20 25 30

Trp Ser Tyr Gly Leu Arg Pro Gly
35 40

B¹
Cmt

